AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A laminated ~~product~~ adjustment shim for compensation of play in a mechanical assembly, the shim having a thickness adjustable by exfoliation and including:

a stack of alternating sheets and layers of an adhesive material, each sheet having resistance to tearing, and each layer of adhesive material connecting two adjacent sheets of the stack to one another by a bonding force which is less than the resistance of the sheets to tearing, so that each sheet can be detached from the stack without being torn;

a blind housing located within the thickness of the stack, the housing having an opening at a surface of the shim; and

an electronic identification component located in the housing.

2. (Currently Amended) The ~~product~~ shim according to Claim 1, wherein the electronic identification component includes

a memory for storage of identification information identifying the ~~product~~ shim, and

a transmission device that can be remotely queried to transmit the identification information stored in the memory.

3. (Currently Amended) The ~~product~~ shim according to Claim 2, wherein the identification information stored in the memory includes at least a serial number of the ~~product~~ shim.

4. (Currently Amended) The ~~product~~ shim according to Claim 2, wherein the information stored in the memory ~~has a storage capacity sufficient for storing at least a~~

~~part of the~~ comprises at least one of identification information including: identification of manufacturer of the ~~product~~ shim, type of ~~product~~ shim, reference of an order for the ~~product~~ shim, identification of client, identification of material constituting the ~~product~~ shim and reference of a material certificate, reference of a standard applicable to manufacturing of the ~~product~~ shim, reference of technical specifications of the ~~product~~ shim, reference of certificate of compliance with the standard, manufacturing date, reference of a delivery voucher, and delivery date.

Claim 5 (Cancelled).

6. (Currently Amended) The ~~product~~ shim according to Claim 4, wherein a portion of the identification information is stored in the memory in coded form.

7. (Currently Amended) The ~~product~~ shim according to Claim 4, wherein the transmission device receives the identification information remotely and writes the identification information in the memory.

8. (Currently Amended) The ~~product~~ shim according to Claim 7, wherein the electronic component has a write-once mode.

9. (Currently Amended) The ~~product~~ shim according to Claim 4, wherein the electronic component has a cylindrical shape with an exterior diameter of less than 4 mm.

10. (Currently Amended) The ~~product~~ shim according to Claim 4, wherein the electronic component includes means for measurement of at least one of temperature, ~~and/or of~~ pressure, ~~and/or of~~ vibrations, ~~and/or of~~ and irradiation, and the transmission device transmits measurements made by the means for measurement.

11. (Currently Amended) The ~~product~~ shim according to Claim 2, wherein

the memory has storage capacity for storing a first portion of the identification information, and

a second portion of the identification information being stored on an external support.

12. (Currently Amended) The ~~product~~ shim according to Claim 11, wherein the electronic identification component has a thickness less than 200 μm.

13. (Currently Amended) The ~~product~~ shim according to Claim 11, wherein the electronic identification component has a cross sectional area less than 2.5 mm^2.

Claim 14 (Cancelled).

15. (Currently Amended) The ~~product~~ shim according to Claim 11, wherein the electronic component has a read-only mode.

16. (Currently Amended) The ~~product~~ shim according to Claim 1, wherein the blind housing is ~~delimited~~ defined by an interior wall of the stack, and including a filling material ~~filling~~ in the blind housing ~~around~~, embedding the electronic component and bonding the electronic component to the interior wall.

17. (Currently Amended) The ~~product~~ shim according to Claim 16, wherein the filling material is selected from the group consisting of an epoxy resin, a phenolic resin, a vinyl ester resin, and a polyvinyl resin.

18. (Currently Amended) The ~~product~~ shim according to Claim 1, wherein the sheets consist of a metallic or composite material.

19. (Currently Amended) The ~~product~~ shim according to Claim 1, wherein the sheets extend parallel to a plane of reference, and the blind housing ~~also~~ extends parallel to the plane of reference.

Claims 20-28 (Cancelled).

29. (New) A laminated adjustment shim comprising:

a stack of alternating sheets and layers of an adhesive material, wherein

the sheets extend in a first direction, and

the stack extends in a second direction that defines a thickness of the stack;

a blind housing within the thickness of the stack and extending in the first direction, the blind housing comprising an opening at a surface of the shim;

an electronic component within the blind housing and comprising

a memory having identification information of the shim,

a transmission device coupled to the memory that can be remotely queried to transmit the identification information stored in the memory, and

an antenna coupled to the transmission device and located proximate the opening at the surface of the shim;

a dielectric envelope within the blind housing the dielectric envelope sealing and encapsulating the electronic component and extending in the first direction.

30. (New) The shim according to Claim 29, wherein the antenna, the transmission device, and the memory are aligned in the first direction.

31. (New) The shim according to Claim 30, wherein the memory stores identification information including at least one of identification of manufacturer of the shim, type of shim, reference of an order for the shim, identification of client, identification of material constituting the shim and reference of a material certificate,

reference of a standard applicable to manufacturing of the shim, reference of technical specifications of the shim, reference of certificate of compliance with the standard, manufacturing date, reference of a delivery voucher, and delivery date.